

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS D206-540 REV. I

REF CANADIAN STC: SH94-5

REF FAA STC: SR00386NY

REF GERMAN STC: LBA RC 1124

THIS DART SERVICE INSTRUCTION PROVIDES GUIDELINES TO REPLACE THE EXISTING HINGE PLATES, INSTALL VIEWING/ACCESS PLATES AND ADDS ADDITIONAL STIFFENING TUBES TO THE BASKETS SQUARE TUBE STRUCTURE. THESE CHANGES MAY BE APPLIED TO D206-540-013 HELI-UTILITY-BASKETS AT CHG 005 AS CUSTOMERS REQUIRE.

REPLACEMENT PROCEDURE:

- 1) DISASSEMBLE BASKET RETAIN HARDWARE.
- 2) REPLACE HINGES IN ACCORDANCE WITH DSI 9448.
- 3) LOCATE THE D4317-1 VIEWING PLATE AND D4317-3 WIRING PLATE AND TRIM EXPANDED METAL AS SHOWN IN FIGURE 1 AND SECTIONS A-A & B-B. REMOVE PAINT ON EXPANDED METAL LOCALLY AND TIG WELD (TACK WELD) D4317-1 AND D4317-3 TO THE EXPANDED METAL, PER MIL-STD-2219/AMS-STD-2219 CLASS 'C' USING ER308L FILLER ROD.
- 4) LOCATE THE D4317-5 GPS PLATE AND TRIM EXPANDED METAL AS SHOWN IN SECTION C-C. REMOVE PAINT ON THE BASKET LID TUBULAR STRUCTURE AND EXPANDED METAL LOCALLY. TIG WELD (FILLET & TACK WELD) D4317-5 TO THE TUBULAR STRUCTURE AND EXPANDED METAL AS SHOWN IN FIGURE 1, PER MIL-STD-2219/AMS-STD-2219 CLASS 'C' USING ER308L FILLER ROD.
- 5) LOCATE D4317-011/-013 AS SHOWN IN SECTION C-C. REMOVE PAINT ON THE BASKET LID TUBES LOCALLY AND TIG WELD THE D4317-011/-013 COVER PANEL RETAINERS IN PLACE PER MIL-STD-2219/AMS-STD-2219 CLASS 'C' USING ER308L FILLER ROD.
- 6) LOCATE QTY (4) D4136-041 TUBE ASSEMBLIES AS SHOWN IN SECTION D-D. REMOVE PAINT ON THE BASKET BASE HOOPS LOCALLY AND TIG WELD THE D4136-041 TUBE ASSEMBLIES IN PLACE PER MIL-STD-2219/AMS-STD-2219 CLASS 'C' USING ER308L FILLER ROD.
- 7) TOUCH UP POWDER COAT OF AFFECTED REAS ON BOTH LID AND BASE WITH WHITE POWDER COAT WHITE (4.3.5.2) PER DART QSI 005 4.3
- 8) RE-ASSEMBLE BASKET REPLACE ANY WORN HARDWARE AS NECESSARY.

PARTS LIST:

ITEM No.	QTY -041	PART NUMBER	DESCRIPTION
	X	DSI 9542-041	BASKET MODIFICATION
1	1	D206-540-013	BASKET ASSEMBLY
2	1	DSI 9448-011	HINGE UPGRADE KIT
3	4	D4316-041	TUBE ASSEMBLY
3	12	D4317-011	COVER PANEL RETAINER
3	4	D4317-013	COVER PANEL RETAINER
4	1	D4317-1	VIEWING PLATE
5	1	D4317-3	WIRING PLATE
5	1	D4317-5	GPS PLATE

PRELIMINARY A2
11.02.04

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: _____
D. SHEPHERD (DE # 02)

DATE: 11.02.08
CERT. NO.: SH94-5
ISSUE NO.: 4

PA2	NEW ISSUE	AJS	11.02.04
PA2	NEW ISSUE	AJS	11.02.04
REV.	DESCRIPTION	BY	DATE
DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED		DRAWING NO.	REV. A
MFG. APPR.		DSI 9542	SHEET 1 OF 4
APPROVED		TITLE	SCALE
DE APPR.		BASKET MODIFICATION	NTS
DATE	11.02.04	COPYRIGHT © 2011 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

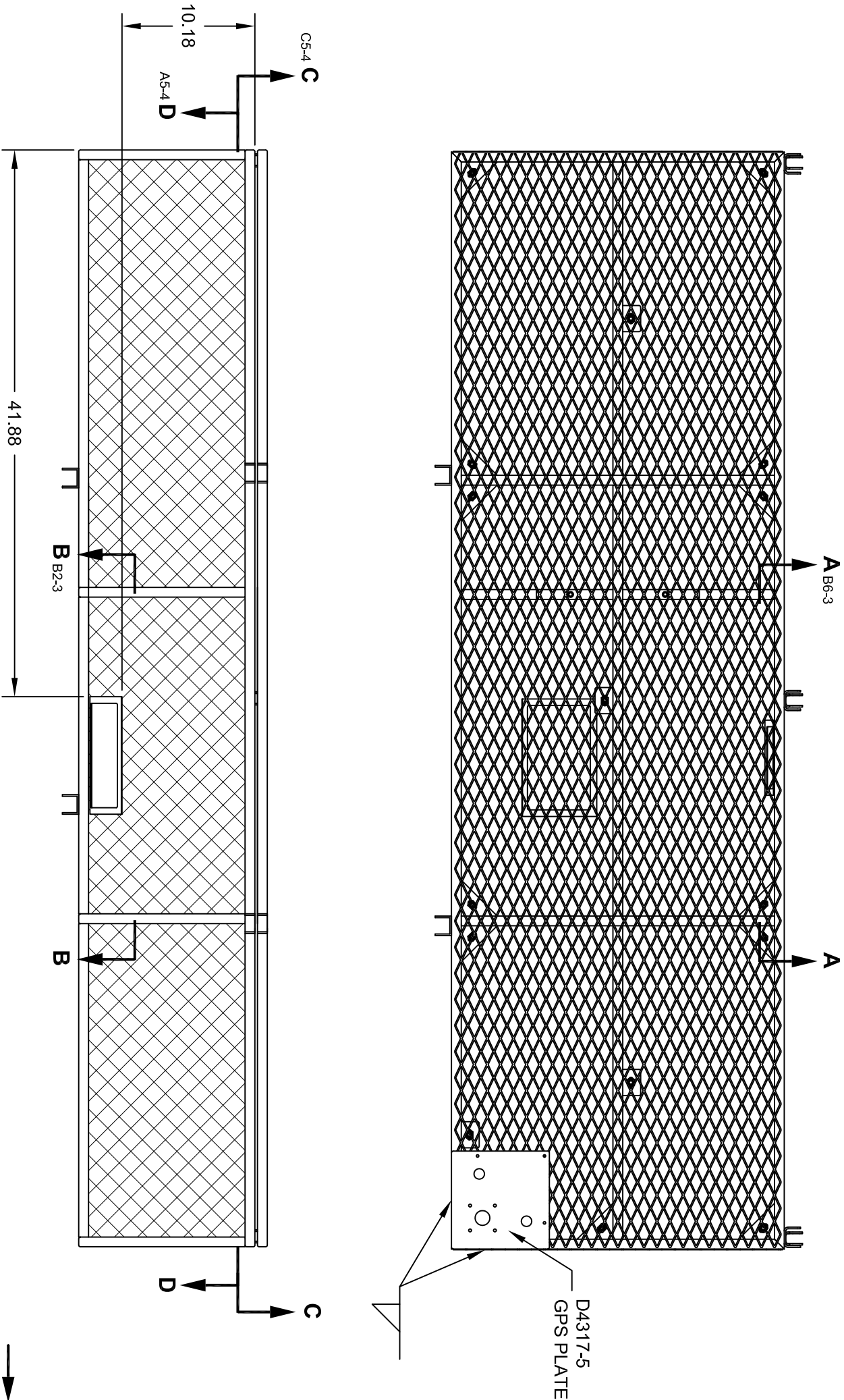
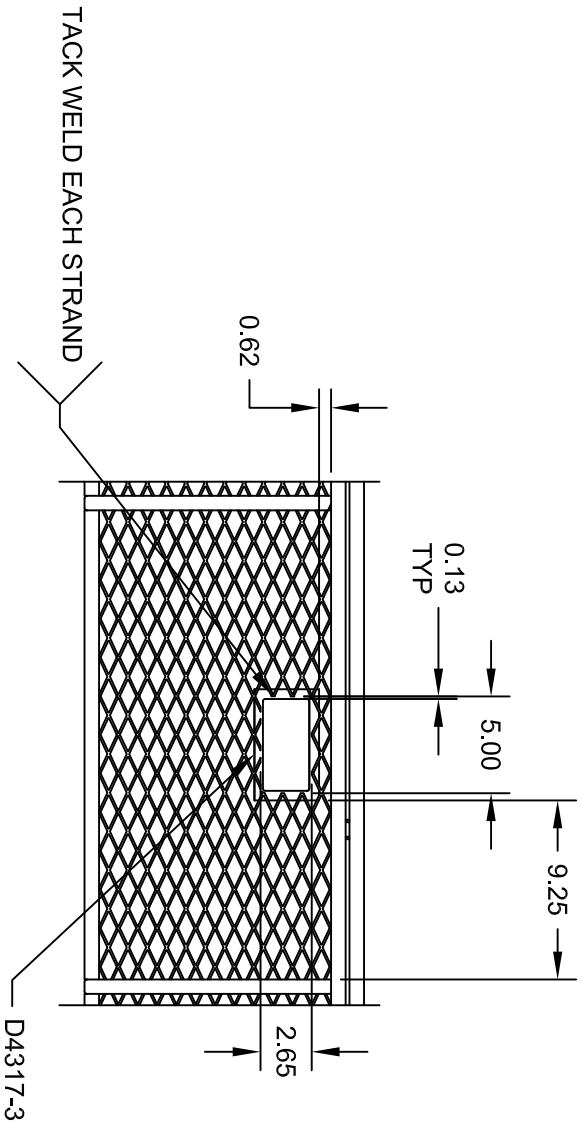
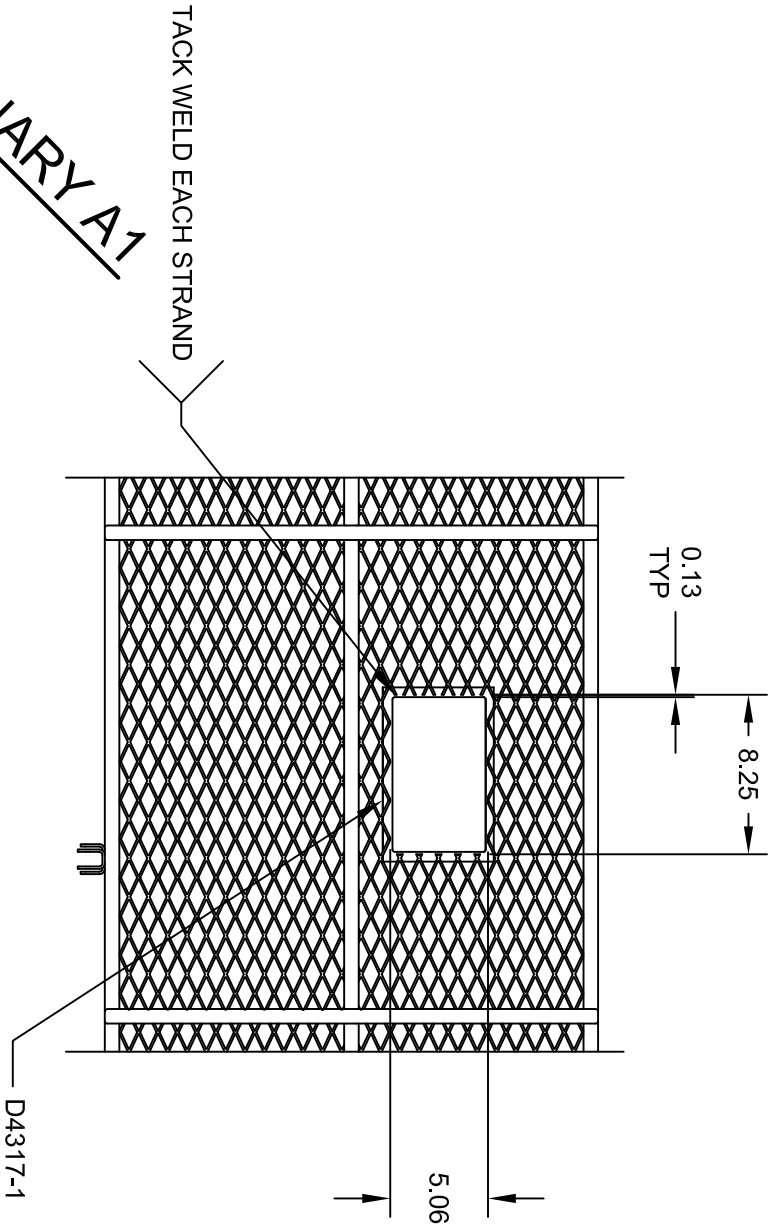


FIGURE 1: D206-540-013 HELI-UTILITY-BASKET SHOWN
(INSTALLATION OF DSI-9448-011, D4317-1 AND D4317-3)

PRELIMINARY A1
11.02.04

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01
APPROVED
BY: _____
D. SHEPHERD (DE # 02)
DATE: _____ 11.02.08
CERT. NO.: _____ SH94-5
ISSUE NO.: _____ 4

DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	REV. A SHEET 2 OF 4
DRAWN	AJS		
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	11.02.04		



PRELIMINARY A1
11.02.04

A

B

C

D

A

B

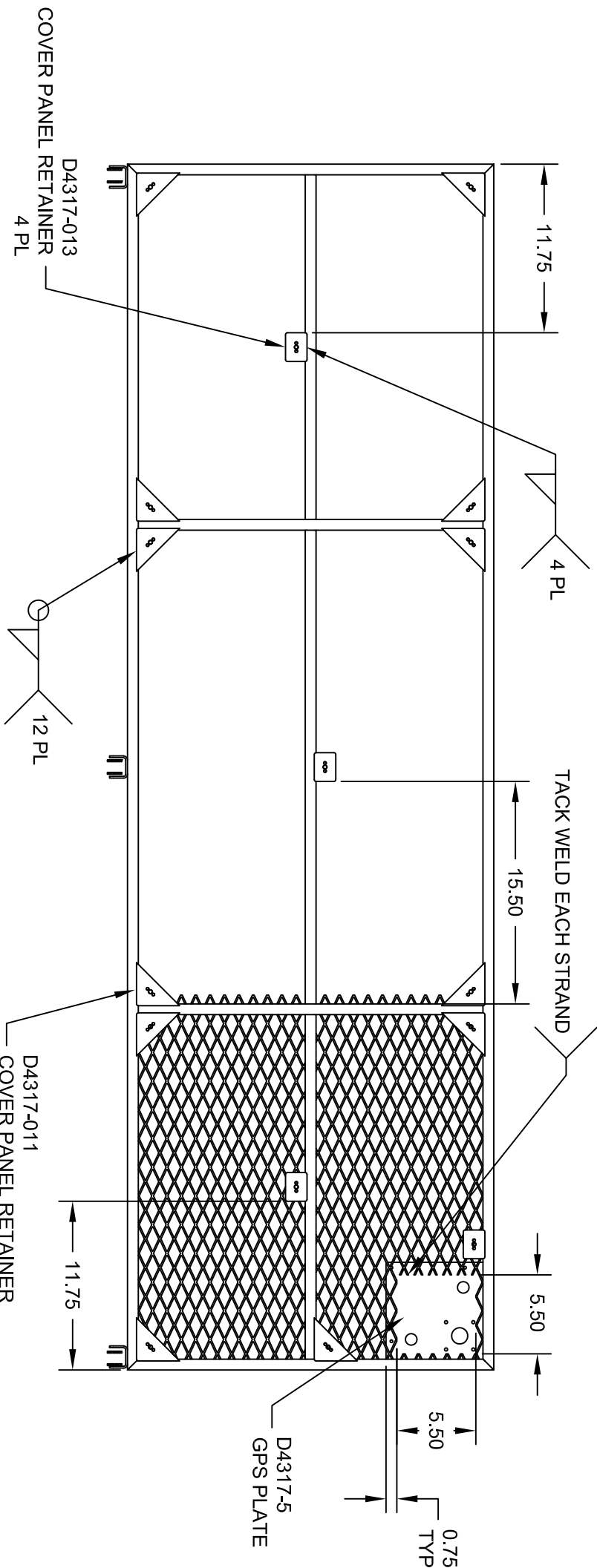
C

D

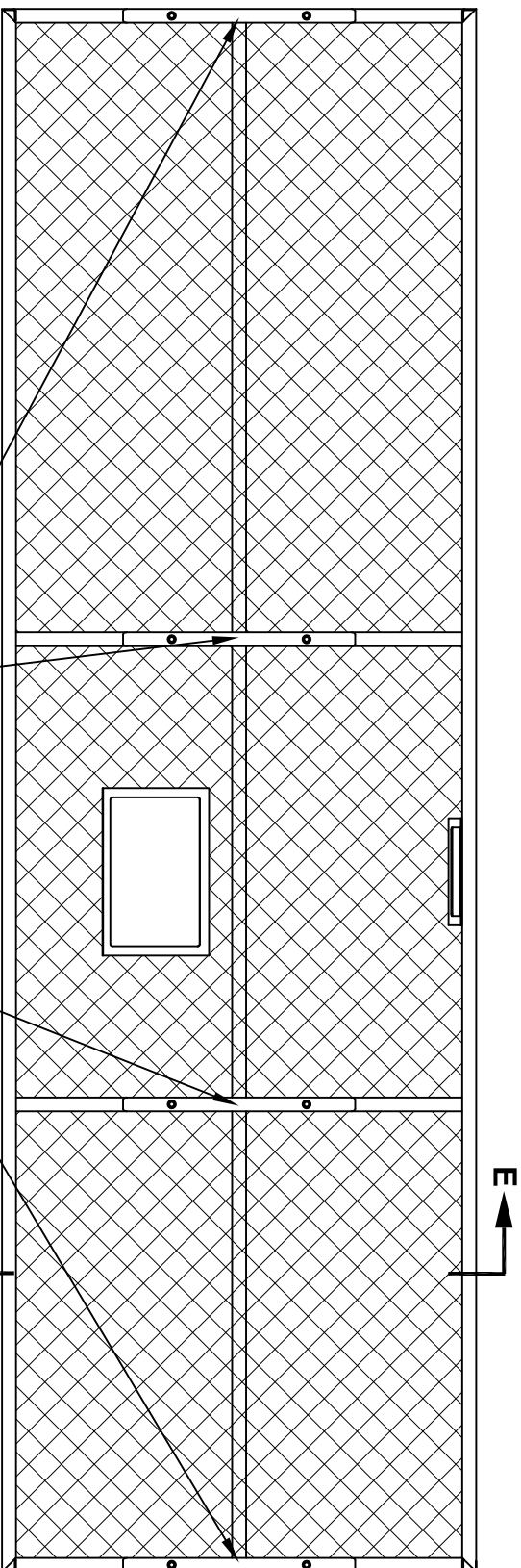
CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01
APPROVED
BY: _____
D. SHEPHERD (DE # 02)
DATE: _____ 11.02.08
CERT. NO.: _____ SH94-5
ISSUE NO.: _____ 4

DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	AJS	
CHECKED		
MFG. APPR.		
APPROVED		
DE APPR.		
DATE	11.02.04	

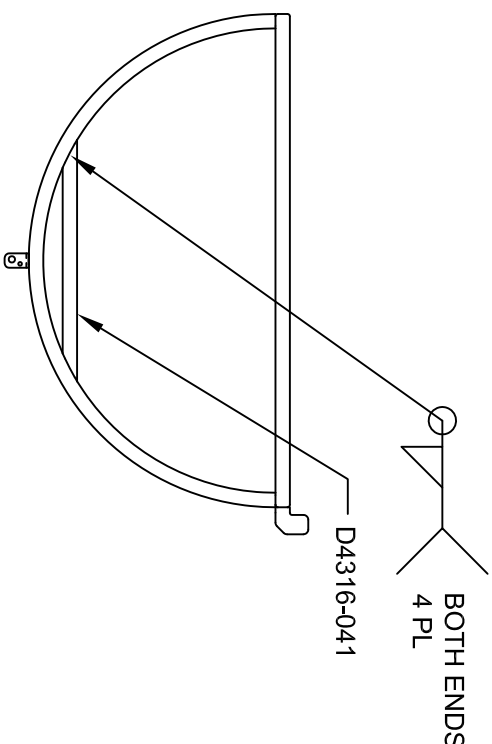
DRAWING NO.		REV. A SHEET 3 OF 4 SCALE NTS
DSI 9542		
TITLE		COPYRIGHT © 2011 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.
BASKET MODIFICATION		



SECTION C-C C7-2
(VIEW LOOKING UP EXPANDED METAL SHOWN LOCALLY FOR CLARITY)



SECTION D-D B7-2



SECTION E-E A5-4

PRELIMINARY A1
11.02.02

CANADA	
DEPARTMENT OF TRANSPORT	
AIRCRAFT CERTIFICATION	
BRANCH	
DAO # 01-O-01	
APPROVED	
BY:	D. SHEPHERD (DE # 02)
DATE:	11.02.08
CERT. NO.:	SH94-5
ISSUE NO.:	4

DESIGN		AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	DRAWING NO.	REV. A
DRAWN		AJS			
CHECKED					
MFG. APPR.					
APPROVED					
DE APPR.					
DATE		11.02.04			

COPYRIGHT © 2011 BY DART AEROSPACE LTD	
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

TITLE		SCALE
BASKET MODIFICATION		
NTS		